

June 27, 2003

By Hand Delivery and by Electronic Mail

Ms. Luly Massaro, Commission Clerk Rhode Island Public Utilities Commission 89 Jefferson Boulevard Warwick, RI 02888

RE: Docket 2930 - First Savings Proof of The Narragansett Electric Company

Dear Ms. Massaro:

Enclosed on behalf of The Narragansett Electric Company ("Narragansett" or "Company") are an original and nine copies of the Company's First "Savings Proof" pursuant to the Third Amended Stipulation and Settlement ("Settlement") dated March 14, 2000 and approved by the Commission in Docket 2930 on March 24, 2000. Specifically, enclosed are the testimony and exhibits of Mr. Michael D. Laflamme supporting the Company's filing in this proceeding.

In accordance with Section 8.(A) of the Settlement, the Company is required to file with the Commission a Cost of Service study no later than December 31, 2003 for purposes of establishing provable savings achieved by the Company since the NEES/EUA and NEES/National Grid mergers in early 2000. As set forth in the Settlement, the Parties to this proceeding agreed that, "[a] properly structured incentive based rate plan can align the interests of the Company and its customers by establishing appropriate incentives to maximize merger related savings for the benefit of the Company and its customers." See Section 8. of the Settlement. The enclosed filing demonstrates that, during the 2002 measurement year, the Company achieved total annual savings of approximately \$16.5 million, setting the savings cap (subject to escalation) that may ultimately be shared "50/50" between the Company and its customers.

The enclosed Savings Proof is the first step toward establishing the level of demonstrated savings that the Company would be permitted to include in future rate cases, through 2019, for purposes of setting the Company's distribution rates. In accordance with the Settlement, the

Ms. Luly Massaro, Clerk Rhode Island Public Utilities Commission Docket 2930 June 27, 2003 Page 2 savings established by the first Savings Pro-

savings established by the first Savings Proof are potentially subject to downward adjustment based on the second Savings Proof contemplated by the Settlement as well as other Reopener

provisions. See Mr. Laflamme's testimony and subsections (B) and (C) of Section 8. to the Settlement for further explanation of these provisions.

Please note that the sole purpose of today's filing is to establish the level of savings achieved by the Company in accordance with the Settlement. It is not proposed to be used to adjust the Company's distribution rates at this time. Under the terms of the Settlement, the Company's present distribution rates are intended to remain in place, subject only to adjustment for certain "Exogenous Events", throughout the Settlement's "Rate Freeze Period" which extends through the end of calendar year 2004.

Thank you for your attention to this matter. Please do not hesitate to contact me if you have any questions concerning our filing.

Very truly yours,

Terry L. Schwennesen

Enclosure

Cc: Docket 2930 Service List (By US Mail)

Narragansett Electric Company

Docket 2930 Earned Savings Proof

Testimony and Exhibits Of:

Michael D. Laflamme

June 27, 2003

Submitted to: Rhode Island Public Utilities Commission RIPUC Docket No. 2930

Submitted by:



Narragansett Electric Savings Proof RIPUC Docket No. 2930 Witness: M.D. Laflamme

Direct Testimony of

Michael D. Laflamme

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INTRODUCTION AND QUALIFICATIONS

1 I. 2 Q. Please state your full name and business address. 3 A. My name is Michael D. Laflamme. My business address is 55 Bearfoot Road, Northboro, Massachusetts 01532. 4 5 By whom are you employed and in what position? 6 Q. 7 A. I am Manager of Regulatory Support for National Grid USA Service Company Inc. National Grid USA Service Company provides engineering, financial, administrative and 8 9 other technical support to subsidiary companies of National Grid USA, including Narragansett Electric Company ("Narragansett", or "Company") 10 11 Please provide a brief summary of your educational background and training. Q. 12 In 1981 I earned a Bachelor of Science degree in Business Administration, emphasis in 13 A. Accounting, from Bryant College in Smithfield, Rhode Island. 14 15 16 Q. What is your professional background? From 1981 through April 2000 I was employed by various subsidiary companies of A. 17 18 Eastern Utilities Associates ("EUA"), including Blackstone Valley Electric Company ("Blackstone") and EUA Service Corporation ("EUASC") which provided various 19 20 accounting, financial, engineering, planning, data processing and other services to all EUA System companies.

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1		I joined Blackstone in 1981 as a junior accountant and attained a staff accountant position
2		prior to transferring to the revenue requirements section of EUASC's Rate Department in
3		1985. I held progressively more responsible positions in revenue requirements prior to
4		transferring to the Treasury Services department of EUASC in 1988. I was promoted to
5		the position of Manager of Treasury Services in 1991. The EUA System was acquired by
6		National Grid USA in early 2000, at which time I joined the National Grid USA
7		Distribution Financial Analysis Group.
8		
9	Q.	What is your relationship to Narragansett?
10	A.	My current duties include supporting cost of service and revenue requirements analyses
11		for the National Grid USA Distribution companies in New England, including
12		Narragansett.
13		
14	Q.	Have you previously testified before a regulatory commission?
15	A.	Yes, I have testified in proceedings before the Rhode Island Public Utilities Commission
16		("Commission"), the Massachusetts Department of Telecommunications and Energy and
17		the New Hampshire Public Utilities Commission. I have also provided primary support
18		for revenue requirements witnesses in proceedings before the Federal Energy Regulatory
19		Commission.
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II.	PURPOSE OF TESTIMONY
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- 2 Q. What is the purpose of your testimony?
- A. Pursuant to the Third Amended Stipulation and Agreement, dated March 14, 2000, in
- Docket 2930 (the "Settlement"), which was approved by this Commission by written
- order dated March 24, 2000, the Company is required to file its first "Savings Proof"
- based on a cost of service study ("COS") using historic calendar year data for either
- 7 calendar year 2001 or 2002, at the Company's discretion. The Company has elected
- 8 2002 as its measurement year. I am providing support for Naragansett's Savings Proof
- and savings determination formula pursuant to the Settlement.

11 Q. What is the purpose of the Savings Proof?

- 12 A. The Savings Proof is the initial determination of merger related savings to be shared
- between the Company and customers. It constitutes the maximum amount of earned
- savings (subject to escalation) that the Company may include in a future COS used to
- 15 change distribution rates during the settlement period which extends through 2019 (the
- "Settlement Period"). As described in Section 8 of the Settlement;

"A properly structured incentive based rate plan can align the interests of the
Company and its customers by establishing appropriate incentives to maximize
merger related savings for the benefit of the Company and its customers. To that
end, the Parties agree that provable cost savings achieved by the Company shall
be shared between the Company and customers as described in this section,
according to the savings determination formula, verification mechanisms, and
reopener provisions..."

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Q. Is the Company proposing to change distribution rates in this filing?

A. No. The Settlement provides for a distribution rate freeze from the effective date of the

National Grid USA/EUA merger through December 31, 2004 (the "Rate Freeze Period"),

subject only to specifically defined Exogenous Events. In fact, Section 8 (A) (4) of the

Settlement specifically states;

"The measurement year COS will not be used to adjust rates. Rather, its sole purpose will be to determine the amount of savings that have been achieved."

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In addition, the Settlement stipulates that the COS study will not include adjustments for known and measurable changes in costs as would normally be included in a COS study used to adjust rates. No such adjustments have been made in the measurement year COS.

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III. SAVINGS DETERMINATION FORMULA

- 15 Q. What is the savings determination formula?
- 16 A. The savings determination formula is the methodology established in the Settlement for quantifying the merger related savings to be shared between the Company and its 17 customers. This is illustrated in Exhibit 4 of the Settlement and mirrored in Exhibit 18 MDL-1 of this filing. In accordance with the Settlement, 50 percent of the savings 19 quantified in this filing, the First Look Savings Proof, represents the maximum amount of 20 merger savings (subject to escalation) that the Company can include for recovery in its 21 next COS rate case. The ultimate earned savings amount that the Company will be 22 allowed to include in any COS used to change distribution rates during the Settlement 23

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Period is capped at the First Look Savings Proof amount, as escalated, subject to
potential downward adjustment as determined in the Second Savings Verification and/or
the Reopener provisions as defined in the Settlement. Section (8) (B) of the Settlement
provides that this Second Savings Verification will take place at the earlier to occur of: i)
the first COS rate case filed by the Company that reflects an historic test year that is no
less than two years after the test year used for the first savings proof, or ii) April 30,
2007. However, Section (8) (B) of the Settlement also provides that if the Company files
a COS rate case in 2004 to change rates for usage on and after January 1, 2005 and such
case would not otherwise trigger the Second Savings Verification, the Parties shall have
the option to propose and the Commission shall have the authority to order that the
Second Savings Verification take place in that proceeding.

- Q. Can you briefly describe the savings determination formula?
- A. The savings determination formula calculates merger related savings by subtracting the 2002 measurement year distribution COS revenue requirement from the adjusted Benchmark COS as defined in Section 8 (A) (3) of the Settlement. As shown on Exhibit MDL-1, this formula results in an initial Savings Proof of \$16,526,000, one half of which (subject to the adjustments mentioned above) may be included in a future COS rate case to establish rates.

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IV. ADJUSTED BENCHMARK COST OF SERVICE

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O. Could you explain the derivation of the Adjusted Benchmark COS? 2 Section 8 (A) (3) of the Settlement established the Company's Benchmark COS of 3 A. \$210,000,000, the 2000 kWh sales of 7,098,202,000 and the formula to follow in 4 calculating the Adjusted Benchmark COS to be used in the Company's Savings Proof. In 5 determining the merger related savings, the Benchmark COS is adjusted for two factors, 6 7 inflation and load growth. 8 The inflation adjustment is equal to 50% of the change in the Gross Domestic Product 9 Implicit Price Deflator ("GDPIPD") from calendar year 2000 through the measurement 10 year, or 2002 in this case. As shown on Exhibit MDL-1, the percentage change in the 11 12 "GDPIPD" for the years 2001 and 2002 amounted to 2.36% and 1.13%, respectively. Applying 50% of these inflation amounts to the Benchmark COS, as shown on lines 1 13 14 through 9 of Exhibit MDL-1, results in an 'escalated benchmark cost of service' for 2002 of \$213,678,000. 15 16 The load growth adjustment is equal to 30% of the growth in the weather normalized 17 measurement year kWh sales from the year 2000 kWh sales of 7,098,202,000, as defined 18 in the Settlement, and is shown on lines 11 through 17 of Exhibit MDL-1. Actual 19 weather normalized kWh sales for calendar year 2002 amounted to 7,393,425,018, or an 20

increase of 4.16% from the 2000 kWh sales of 7,098,202,000. Applying 30% of this load

1		growth to the 'escalated cost of service' results in a load growth adjustment of
2		\$2,666,000 (\$213,678,000 * 4.16% * 30%) and an Adjusted Benchmark COS of
3		\$216,344,000 (\$213,678,000 + \$2,666,000) as shown on Exhibit MDL-1, Line 19.
4		
5	V.	MEASUREMENT YEAR COS
6	Q.	Please describe the measurement year COS.
7	A.	Section 8(A) of the Settlement provides the following:
8 9 10 11 12 13 14 15 16 17 18 19 20		"(1) Filing. The Company will file in 2002 or 2003 a cost of service ("COS") for either 2001 or 2002 (the "measurement year"), at its option, using calendar year cost data on an historic test year basis for the most recent calendar year. For the purpose of this COS filing, actual measurement year results will be adjusted to reflect established Commission ratemaking principles and to incorporate any other normalizing adjustments as may be appropriate. However, there will be no adjustments to actual results to recognize or annualize known and measurable changes. Any party in the savings proof proceedings may contend that the measurement year COS should be adjusted upward or downward based on the occurrence of any "Exogenous Event" (as defined in subsections 6(B)(1)(2)&(3)) in order to avoid having the merger-related savings artificially inflated or deflated by such events, with the burden of proof on the party making the contention.
21 22 23 24		(2) <u>Imputed Capital Structure and Costs</u> . In the measurement year COS filing, Narragansett shall use the capital structure and associated cost rates to calculate its return and income taxes as provided in Section 7(B)."
25		Pursuant to those provisions, the Company prepared its 2002 measurement year COS
26		without any adjustments to include known and measurable changes.
27		
28	Q.	How was the measurement year COS calculated?

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adjusted, along with the imputed capital structure and cost rates established in Section 2 (7) of the Settlement. 3 4 Q. What type of adjustments did you make to actual 2002 results to arrive at the 5 measurement year COS? 6 7 The adjustments made to actual results were limited to established Commission A. ratemaking adjustments and normalizing adjustments for out-of-period expenses, and are 8 9 discussed individually later in my testimony. Also, consistent with the derivation of the Benchmark COS, an Interstate Allocation Study was updated for 2002, as shown in 10 Exhibit MDL-2. This Interstate Allocation Study provides the allocations of the 2002 11 results to interstate (transmission) activities in order to arrive at an intrastate 12 (distribution) rate base and COS. 13 14 1. **UPDATED INTERSTATE ALLOCATION STUDY** 15 What is the purpose of the updated Interstate Allocation Study? 16 O. The updated Interstate Allocation Study provides the basis for the allocation of cost 17 A. between interstate (transmission) and intrastate (distribution) operations. The Interstate 18

Allocation Study is designed to exclude from the Company's COS those costs and

investments that are recoverable from New England Power Company ("NEP") under a

Federal Energy Regulatory Commission ("FERC") jurisdictional agreement known as the

The measurement year COS was calculated by incorporating actual results for 2002, as

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1 Integrated Facilities Agreement ("IFA"). The updated interstate allocation study for the measurement year is provided in Exhibit MDL-2 2 3 Has the Company made any changes in the methodology used to calculate the interstate 4 Q. allocation? 5 No. The updated study follows the same methodology followed in the Settlement. 6 A. 7 Q. Has the Company proposed a change to its IFA with NEP at this time? 8 9 A. No, not at this time. The updated study, which was calculated in a manner consistent 10 with the IFA presently in effect, was performed solely for the purpose of generating the measurement year intrastate COS. 11 12 2. **RATE BASE** 13 14 Q. Please explain how the intrastate rate base was derived. The Company's intrastate rate base was calculated using a five-quarter average of actual A. 15 calendar year 2002 data and excluding the amounts allocated to interstate activities. 16 Exhibit MDL-3, Page 6 of 9, provides details of the individual items included in rate base 17 along with the exclusion of interstate allocations and other adjustments. 18 19 Q. You mentioned other adjustments. Would you please elaborate on them? 20 A. Certainly. The Company's investment in property held for future use was also excluded 21 22

Witness: M.D. Laflamme Page 10 of 18

from the rate base calculation, as shown on Exhibit MDL-2, Page 1, consistent with its treatment in the Benchmark COS and regulatory precedent.

An adjustment was also made to the actual balance of unamortized loss on reacquired debt. Historically, unamortized losses on reacquired debt have been included in rate base, and the associated amortization of such costs have been included in operating expenses for ratemaking purposes, because the incurrence of such costs generally provides a reduction in the overall cost of long term debt. However, as previously mentioned, pursuant to the terms of the Settlement, fixed capitalization ratios and cost rates have been used in the measurement year COS. Consequently, the unamortized balance and periodic amortization of loss on reacquired debt have been held at the Settlement COS level. Exhibit MDL-3, Page 7 provides details of the quarterly balances used for the five-quarter average of unamortized loss on reacquired debt.

Finally, intrastate accumulated deferred tax reserves include adjustments for non-rate base related items as well as for interstate activities. Exhibit MDL-3, Page 8 details the individual components of the Company's deferred tax reserves. Page 9 of Exhibit MDL-3 provides the allocation percentages applied to total-company amounts as well as the net intrastate amount included in the measurement year rate base.

22 Q.

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1 Was a Lead/Lag study performed to calculate the cash working capital allowance to be included in rate base? 2 No. Likewise, no lead/lag study was performed for either Narragansett, Blackstone or 3 A. Newport Electric Corporation ("Newport") in arriving at the Settlement Benchmark COS. 4 The cash working capital allowance included in the Settlement Benchmark COS was 5 derived by adding the individual cash working capital allowances of Narragansett, 6 Blackstone and Newport. These individual Company amounts were derived by using the 7 previously approved lead/lag percentages applied to the appropriate expense categories. 8 9 In an effort to provide consistency with the Benchmark COS, the cash working capital allowance was maintained at the same level as was included in the Settlement. 10 11 12 3. CAPITALIZATION, RETURN AND INCOME TAXES Would you please summarize the capital structure and cost rates that were used in 13 Q. 14 developing the measurement year COS? Section 7 (B) of the Settlement stipulates the imputed capital structure and cost rates to A. 15 be used in developing the measurement year COS. The imputed capital structure and 16 cost rates as defined by that section of the Settlement are listed below along with the 17 weighted after-tax overall rate of return, income taxes and pre-tax amounts; 18 19 20 21 22

1 2		<u>%</u>	Cost	Weighted Cost	<u>Taxes</u>	Pre-Tax
3	Debt	45%	7.81%	3.51%	3.51%	
4	Preferred	5%	5.20%	0.26%	0.14%	0.40%
5	Common Equity	50%	10.50%	<u>5.25%</u>	2.83%	8.08%
6				<u>9.02%</u>	<u>2.97%</u>	11.99%

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- 8 Q. How was the measurement year COS return calculated?
- As shown on Exhibit MDL-3, Page 4, the overall return was calculated by multiplying intrastate rate base by the after-tax overall return rate of 9.02%, resulting in an overall after-tax return of \$46,047,000.
- 12 Q. How were the measurement year COS income taxes calculated?
- Income taxes were calculated in the same fashion as the return component of the
 measurement year COS, using the income tax component of the imputed capital
 structure, or 2.97%, and adjusting the result for the tax impact of amortization of
 investment tax credits (ITC). Because amortization of ITC is not a taxable item, an
 adjustment must be made to total income tax expense. As shown on Exhibit MDL-3,
 Page 4, Lines 20 through 25, the adjustment equals the tax gross-up of the ITC
 amortization included in the measurement year COS, or \$386,000.

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- Q. What is the total amount of income tax expense included in the measurement year COS?
- 22 A. Including the adjustment for the ITC amortization, total income tax expense amounts to

1 \$14,760,000 as shown on Exhibit MDL-3, Page 4, Line 27.

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4. OPERATION AND MAINTENANCE EXPENSE ADJUSTMENTS

a. BAD DEBT EXPENSE

5 Q. Please explain the adjustment made to the Company's actual 2002 bad debt expense.

The Company employs a bad debt reserve policy to account for uncollectible customer accounts. Consequently, the Company's recognition of bad debt expense differs from the actual amount of net customer account write-offs for any given period. The regulatory precedent for bad debt expense is to limit the recovery of these costs to the Company's actual experience of net write-offs of uncollectible accounts. The Company has typically used an average of net uncollectible write-offs for the most recent two years as a proxy of estimated net write-offs for rate-year recovery in a COS used to adjust distribution rates. Because the measurement year COS is not intended to be used to change distribution rates and its sole purpose is to calculate the Company's COS for the measurement year, the bad debt expense for the measurement year COS was limited to actual net write-offs for calendar year 2002. The calculation of this adjustment is shown on Page 3 of Exhibit MDL-3 and amounts to an increase in the measurement year COS of \$985,000.

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b. <u>ADVERTISING EXPENSE AND OTHER NON-RECOVERABLE</u> <u>EXPENSES</u>

Q. Please explain the adjustment for advertising and other non-recoverable expenses.

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This adjustment relates to the exclusion from intrastate COS of general advertising expenses, recorded in FERC account 930.1 and other non-recoverable expenses, primarily membership dues. The Company records other non-recoverable expenses in a separately defined activity code within its general ledger system. Because a portion of both general advertising expense and the other non-recoverable expenses incurred by the Company in 2002 were included in the O&M amounts allocated to interstate activities as previously discussed, only the intrastate portion, 96.98%, of these items is included in this adjustment. The details of this adjustment are shown on Page 3 of Exhibit MDL-3 and amount to a reduction in the measurement year COS of \$252,000.

c. <u>MERGER INTEGRATION COSTS</u>

12 Q. Please explain the adjustment made for merger integration costs.

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Consistent with the treatment of transaction costs of the NEES/National Grid and the A. 13 14 National Grid USA/EUA mergers in the Settlement, incremental, non-recurring, integration costs related to the National Grid USA/Niagara Mohawk merger charged to 15 16 the Company in 2002 have been excluded from the measurement year COS. National Grid USA's merger with Niagara Mohawk will provide benefits to all US subsidiaries, 17 including Narragansett, through synergy savings and efficiency gains that will be 18 achieved through lower administrative and general costs in the future. As a result, certain 19 integration costs are allocated to those subsidiaries that will ultimately receive the 20 21 benefits of the costs. In most instances, such allocated costs are incurred by National

Grid USA Service Company and are allocated based on approved Securities and Exchange Commission allocation factors that are appropriate for the types of costs being incurred. All integration costs are charged to separately identifiable integration accounting activity codes. These codes were queried to arrive at the total integration costs charged to the Company in 2002, or \$4,732,000. However, this adjustment is intended to exclude only incremental, non-recurring integration costs. Non-incremental amounts relate to non-overtime labor and overheads of National Grid USA personnel. An additional query of the integration activity codes, limited to non-incremental internal labor and overheads, was performed to arrive at the non-incremental amount of the total integration costs charged to the Company in 2002, or \$412,000. As shown on Page 3 of Exhibit MDL-3, the net decrease to the measurement year COS equals the intrastate portion, 96.98%, of the incremental integration costs, or \$4,190,000.

Α.

d. <u>OUT-OF-PERIOD EXPENSE ADJUSTMENTS</u>

Q. Can you explain the adjustment for out-of-period expenses?

Yes. I have made two out-of-period expense adjustments. The first relates to environmental remediation expenses. Pursuant to a settlement approved by the Commission in this Docket in a November 6, 2002 open meeting and by written order dated January 29, 2003, the Company was allowed to increase its annual environmental remediation fund allowance by \$2,200,000 effective as of January 1, 2001. Accordingly, in 2002, the Company recorded a catch-up of \$2,200,000 of additional environmental

remediation expense for the calendar year 2001 period. Because this catch-up amount for 2001 does not relate to the measurement year, the intrastate portion, 96.98%, or \$2,134,000, has been deducted in the development of the measurement year COS. The second out-of-period adjustment relates to Rhode Island employee reimbursements for Temporary Disability Insurance (TDI) costs. It is the Company's policy to reimburse Rhode Island employees for statutorily imposed TDI costs paid by employees. For the annual periods of 1999, 2000 and 2001, the Company's reimbursement to employees did not include a tax gross-up for the employees' tax liability related to the reimbursements. In April 2002, the Company recorded the additional reimbursement for the employees' tax liability for three years, 1999 through 2001, which aggregated \$360,000. Consequently, the intrastate portion of this amount, \$349,000, has been deducted from the measurement year COS.

e. <u>DISTRIBUTION DISPATCH EXPENSE ADJUSTMENT</u>

Q. Would you please describe the adjustment you made for distribution dispatch expense?
A. This adjustment relates to distribution dispatch expenses, FERC account 581. Since the National Grid USA/EUA merger 100% of the Company's dispatch costs have been charged to the transmission dispatch function, FERC account 561, and subsequently billed to NEP pursuant to terms of the IFA, consistent with how Narragansett accounted for and recovered these costs prior to the National Grid USA/EUA merger. The former EUA distribution companies, Blackstone and Newport, however, charged a portion of

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their dispatch costs to the distribution function, FERC account 581, and recovered such cost through distribution rates. This inconsistency in the accounting and regulatory treatment of the pre-merger distribution companies was identified in 2003, and an adjustment was recorded in March 2003 to rectify this inconsistency. The March 2003 adjustment, which covered the period beginning May 1, 2000 through March 31, 2003, simply reclassified an allocated amount of dispatch expense from the transmission function to the distribution function. The allocation was based on the percentage of distribution dispatch costs (FERC account 581) included in the Docket 2930 Settlement COS to total dispatch costs included in the Settlement COS. This percentage was applied to total dispatch costs recorded by the Company from May 1, 2000 through March 31, 2003 and aggregated \$1,629,000. The calendar year 2002 portion of this adjustment amounted to \$466,000 and has been included as an adjustment in developing the measurement year COS. The reduction in transmission expense resulting from the March 2003 reclassification will be reflected in the Company's 2003 billings to NEP under the IFA.

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5. MEASUREMENT YEAR COS SUMMARY

- 18 Q. How much is the measurement year COS?
- As summarized on Exhibit MDL-3, Page 1, the measurement year intrastate rate base amounts to \$510,502,000 and the total intrastate measurement year COS, which is used for earned Savings Proof purposes only, equals \$199,819,000.

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1 Q. You indicated that the measurement year COS is for earned Savings Proof purposes only. What did you mean by that? 2 Pursuant to Commission ratemaking principles, known and measurable changes in test 3 A. year data would be proposed in developing a rate year COS used to establish the 4 Company's distribution rates. As mentioned earlier, the measurement year COS contains 5 no adjustments for known and measurable changes in costs from those incurred in 2002, 6 and therefore is not intended to represent an intrastate COS for ratemaking purposes. 7 8 9 VI. **SAVINGS PROOF SUMMARY** 10 Q. Can you summarize the results of the initial Savings Proof proposed in this filing? 11 A. Yes. As shown on Exhibit MDL-1, the initial Savings Proof indicates total savings of 12 \$16,526,000 and was derived by subtracting the measurement year COS revenue requirement of \$199,819,000 from the Adjusted Benchmark COS of \$216,344,000. This 13 14 total savings amount constitutes the maximum amount of savings from which the Company may reflect 50%, subject to escalation, the Second Savings Verification and 15 Reopener provisions, as an expense item in a future COS rate case to establish 16 distribution rates after the Rate Freeze Period... 17 18 VII. **CONCLUSION** 19 Q. Does that conclude your testimony? 20

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A.

Yes it does.

Narragansett Electric Savings Proof RIPUC Docket No. 2930

Exhibit MDL-1

Earned Savings Proof

The Narragansett Electric Company

Earned Savings Proof - 2002 <u>First Look Formula</u> (\$000)

Formula for First Look Proven Savings:

Proven Savings = Adjusted Benchmark COS - 2002 COS + .3 * (Adjusted Benchmark COS * Weather Normalized Sales Growth)

				Amount	
1 2	Benchmark Cost of Service		\$210,000		1/
3 4	GDPIPD Growth 2001	2.36% * 50% + 1_	1.0118		2/
5	2001 Adjusted Benchmark COS		212,479		
7 8	GDPIPD Growth 2002	1.13% * 50% + 1_	1.0056		2/
9 10	2002 Adjusted Benchmark COS			\$213,678	
11 12	2000 kWh Sales from Settlement		7,098,202,000		1/
13 14	Weather Adjusted 2002 kWh Sales		7,393,425,018		3/
15 16	Weather Normalized Sales Growth		4.16%		4/
17 18	Adjusted Sales Growth	4.16% * 30% *	213,678	2,666	
19 20	Adjusted Benchmark Cost of Service	e		216,344	5/
21 22	Normalized Cost of Service - 2002	Test Year	_	199,819	6/
23	Savings to be Shared		_	16,526	7/
24 25	50/50 Sharing of Proven Savings		=	8,263	8/

1/ Per Third Amended Stipulation and Settlement dated March 14, 2000.

2/ GDP Deflators

Year	Index	% Change
2000	106.935	
2001	109.460	2.36%
2002	110.695	1.13%

- 3/ Actual 2002 Weather Adjusted kWh sales
- 4/ (Line 13 Line 11) / Line 11
- 5/ Line 9 + Line 17
- 6/ Exhibit MDL 3, Page 1, Line 20
- 7/ Line 9 + Line 17 Line 21
- 8/ Line 23 * 50%

Narragansett Electric Savings Proof RIPUC Docket No. 2930

Exhibit MDL-2

Interstate Allocation Study

Narragansett Electric Savings Proof RIPUC Docket No. 2930 Exhibit MDL-2 Preface

NARRAGANSETT ELECTRIC COMPANY INTERSTATE ALLOCATION STUDY TWELVE MONTHS ENDED

DECEMBER 31, 2002

The accompanying Interstate Allocation Study provides the basis for the allocation of cost between interstate (transmission) and intrastate (distribution) operations. Transmission facilities owned by Narragansett are made available to New England Power Company ("NEP") under an Integrated Facilities Agreement (the "IFA"). Under the terms of the IFA, these facilities are paid for by NEP in the form of a monthly credit on NEP's Tariff No. 1 bill to Narragansett. The terms of the IFA reimburse Narragansett for the expenses it incurs to serve the interstate function, including operation and maintenance expenses, depreciation, property taxes, return and associated income taxes. Because these interstate costs are incurred by Narragansett but supported by NEP, they must be excluded from total-Company costs in the calculation of an intrastate COS. This updated study was prepared solely to provide the basis for allocating a portion of the Company's rate base and expenses to the interstate function for purposes of calculating the Company's intrastate COS included in the Savings Proof demonstration in the instant filing, and the Company is not proposing to change the IFA at this time.

The methodology and resulting interstate allocators used to separate the Company's test period costs and rate base into interstate and intrastate components is the same methodology that was used in developing the Benchmark COS included in the Third Amended Stipulation and Agreement, dated March 14, 2000, in Docket 2930. The interstate components are subtracted from the total company amounts to arrive at the intrastate cost of service. The allocations used in this study are based on the methodology last approved by FERC in Docket ER96-298-000. The resulting allocators are applied to total-Company rate base and costs incurred in the historic test year ending December 2002, to arrive at a net intrastate COS, as shown on Page 1 of the study.

INTERSTATE ALLOCATION STUDY SUMMARY

Column (a) of Page 1 of the study shows the total-Company amounts for rate base and expenses for 2002 per the Company's books. The figures include all rate base components, operation and maintenance expenses, depreciation expenses, and taxes other than federal income tax. Column (b) shows Narragansett's five quarter average rate base. Column (c) shows the total costs allocated to the interstate function. Column (e) represents the percentage of the total company costs that is apportioned to interstate operations.

RATE BASE ALLOCATION METHODOLOGIES

The allocation for interstate transmission and intrastate distribution plant was determined by the Company's Asset Management group by studying Narragansett's

Narragansett Electric Savings Proof RIPUC Docket No. 2930 Exhibit MDL-2

Preface

substation and line investments. Any transmission or distribution facilities that meet the

terms of the Federal Energy Regulatory Commission's ("FERC") 7-Factor Tests, as filed

in the Narragansett wholesale restructuring settlement, are identified as interstate related.

Once the interstate transmission and distribution related plant is determined, a portion of

general plant is allocated to total interstate plant, based on the ratio of interstate plant to

total plant, excluding general plant. Depreciation reserves are allocated to interstate

activities using these same functional allocation percentages.

All remaining interstate rate base components were determined based on the ratio

of interstate plant to total plant.

EXPENSE ALLOCATION METHODOLOGIES

Transmission related O&M expenses are considered entirely interstate.

Distribution O&M expenses were allocated on the basis of actual gross plant investment

in interstate distribution plant as a percentage of total gross distribution plant. All

customer-related O&M expenses are assignable to the intrastate cost of service.

Total A&G expenses were allocated to interstate operations on the basis of direct

payroll ratios as detailed on Page 5 of the study.

The transmission-related interstate depreciation expense is determined by

multiplying transmission depreciation expense by the ratio of interstate depreciable

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Narragansett Electric Savings Proof RIPUC Docket No. 2930 Exhibit MDL-2 Preface

transmission plant to total depreciable transmission plant. This same methodology is used for calculating distribution- and general-related interstate depreciation expense.

Taxes other than income taxes, which includes municipal taxes and payroll taxes, and amortization of losses on reacquired debt were allocated to the interstate function based on the ratio of total interstate plant to total gross plant investment as detailed on page 7 of the study.

Interstate Allocation Study Test Year - 12 months ending 12/31/02

		Rate Base				
		(a)	(b) Total	(c)	(d)	(e) (c) / (b)
		Total	Company			(0), (0)
		Company	5 Quarter		Page	Interstate
1		Per Books	<u>Average</u> 1	<u>Interstate</u>	Reference	<u>Percent</u>
2	Production Plant in Service	\$3,126,434	\$3,126,434	N/A	2	N/A
3	Transmission Plant in Service	173,480,960	171,448,873	137,791,885	2	80.37%
4	Distribution Plant in Service	847,443,009	831,539,531	6,688,880	2	0.80%
5	General Plant in Service	<u>58,191,092</u>	<u>57,903,138</u>	<u>8,314,891</u>	2	14.36%
6 7	Total Plant in Service	\$1,082,241,495	\$1,064,017,976	\$152,795,656		14.36%
8 9	Property Held For Future Use	\$12,707,067	\$12,707,067	\$12,707,067	2	100.00%
10	Reserve for Depreciation - Production	2,166,727	\$2,037,736	N/A	3	N/A
11	Reserve for Depreciation - Transmission	57,409,325	56,106,265	45,092,605	3	80.37%
12	Reserve for Depreciation - Distribution	317,078,615	305,391,113	2,443,129	3	0.80%
13	Reserve for Depreciation - General	<u>15,623,174</u>	<u>14,870,982</u>	<u>2,135,989</u>	3	14.36%
14	Total Reserve for Depr Plant in Svc	\$392,277,842	\$378,406,096	\$49,671,723	_	
15	Reserve for Depreciation - PHFFU	0	<u>0</u>	<u>0</u>	3	0.00%
16 17	Total Reserve for Depreciation	\$392,277,842	\$378,406,096	\$49,671,723		
18 19	Materials & Supplies	\$4,483,663	\$4,393,036	\$630,840	4	14.36%
20 21	Prepayments	\$352,641	\$228,061	\$32,750	4	14.36%
22 23	Fuel Inventory	\$0	\$0	\$0	8	N/A
24 25	Unamortized Loss on Reacquired Debt	\$11,005,000	\$11,361,000	\$1,631,440	4	14.36%
26 27	Customer Deposits	\$2,723,491	\$2,747,474	\$0		
28 29	Contributions in Aid of Construction	\$0	\$109,307	\$0		
30 31	Uninsured Claims	0	178,000	\$25,561	4	14.36%
32 33 34			Expenses			
35		(a)	(b)	(c)	(d)	(e)
36		Total Company	(5)	Interstate	(4)	(c) / (a)
37		12 MTD 12/31/98		12 MTD 12/31/97		(5), (4)
38			•			
39 40	Fuel	\$0		\$0		N/A
41	Total O&M Expense (ex. Production & A&G)	\$118,463,865		\$2,819,603	5	2.38%
42	Total Administrative and General Expenses	41,635,137		1,257,855	5	3.02%
43	Total O&M Expenses	\$160,099,002		\$4,077,458		2.55%
44						
45	Donations	563,229		\$17,016	5	3.02%
46						
47 48	Purchased Power Expense	N/A		N/A		
49	Depreciation Expense - Production	\$257,980		\$0	6	N/A
50	Depreciation Expense - Transmission	3,780,199		3,038,146	6	80.37%
51	Depreciation Expense - Distribution	29,175,476		233,404	6	0.80%
52	Depreciation Expense - General	2,303,336		330,759	6	14.36%
53 54	Depreciation Expense - Total	\$35,516,991		\$3,602,309		10.14%
55	FICA	\$3,447,404		\$104,151	7	3.02%
56	Federal Unemployment	\$44,581		\$1,347	7	3.02%
57	State Unemployment	\$182,284		\$5,507	7	3.02%
58	Municipal Taxes	\$18,862,663		\$2,899,191	7	15.37%
59 60	Other Misc. Tax Expense	\$260,400		\$0		0.00%
61	Amortization of Loss on Reacquired Debt	\$712,000		\$102,243	4	14.36%
62						

The Narragansett Electric Company Interstate Rate Base

Interstate Plant in Service

1	Interstate Production Plant in Service		
2 3 4	5 Quarter Average Production Plant in Service 5/	\$0	\$0
5 6	Interstate Transmission Plant in Service		
7 8	5 Quarter Average Interstate Trans. Plant 3/	\$137,791,885	137,791,885
9 10	Interstate Distribution Plant in Service		
11 12 13 14	5 Quarter Average Interstate Dist Plant 4/ Total Interstate Plant Before General	\$6,688,880 \$144,480,765	6,688,880
15 16	Interstate General Plant in Service		
17 18	5 Quarter Average General Plant 1/ Allocation of General @ 2/	\$57,903,138 <u>14.36%</u>	
19 20	Interstate General Plant in Service	<u>\$8.314,891</u>	<u>8,314,891</u>
21 22	Total Interstate Plant in Svc (ex PHFFU)		<u>\$152,795,656</u>
23 24	PHFFU 5 Quarter Avg Property Held for Future Use 1/		<u>\$12,707,067</u>
	 1/ Page 8 2/ General Plant Allocator: 5 Qtr Interstate Trans & Dist Plant / 5 Qtr Average Source: above 3/ Page 10 4/ Page 11 	Total Plant (ex Gen'l)	14.36%
	4/ Page 11		

5/ NECO's remaining Production Plant are Intrastate assets.

Narragansett Electric R.I.P.U.C. No. 2930 Exhibit MDL - 2 Page 3 of 11

The Narragansett Electric Company Interstate Rate Base

Interstate Reserve For Depreciation

1	Reserve for Depreciation - Production		
2	5 Quarter Average Reserve for Depreciation 5/	\$0	\$0
3	•		
4	Reserve for Depreciation - Transmission		
5	5Quarter Average Reserve for Depreciation 1/	(\$56,106,265)	
6	Interstate Allocation Factor 2/	80.37%	
7	Interstate Transmission Depreciation Reserve	<u>(\$45.092,605)</u>	(45,092,605)
8	·	-	,
9			
10	Reserve for Depreciation - Distribution		
11	5Quarter Average Reserve for Depreciation 1/	(\$305,391,113)	
12	Interstate Allocation Factor 3/	0.80%	
13	Interstate Distribution Depreciation Reserve	(\$2.443.129)	(2,443,129)
14	•	*******	(, , , ,
15			
16	Reserve for Depreciation - General		
17	Year-End Reserve for Depreciation 1/	(\$14,874,578)	
18	General Reserve Allocation 4/	14.36%	
19	Interstate General Depreciation Reserve	<u>(\$2,135,989)</u>	(2,135,989)
20	т. т	********	(,,,
21	Interstate Reserve for Depreciation - PHFFU		<u>0</u>
22			<u>-</u>
23	Total Interstate Reserve for Depreciation		(\$49,671,723)
			<u>, , , , , , , , , , , , , , , , , , , </u>
	1/ Page 8		
	-		
	2/ Interstate Transmission Plant Allocator		80.37%
	Ave Interstate Transmission Plant	<u>137,791,885</u>	
	Ave Total Company Transmission Plant	\$171,448,873	
	• •		
	3/ Interstate Distribution Plant Allocator		0.80%
	Ave Interstate Distribution Plant	6,688,880	
	Ave Total Company Distribution Plant	\$831,539,531	
	• •	. , , -	
	4/ Interstate General Plant Allocator - See Page 2		14.36%
	, and the second		
	5/ NECO's remaining Production Plant are Intrastate assets.		

The Narragansett Electric Company

Interstate Rate Base

1	Interstate Materials & Supplies 5 Quarter Avg M & S - Total Company 1/	\$4,393,036
2	Interstate Allocation 2/	14.36%
3	5 Quarter Average Interstate Materials & Supplies	\$630,840
4 5	Interstate Prepayments	
6	5 Quarter Avg - Total Company 1/	\$228,061
7	Interstate Allocation 2/	14.36%
8 9	5 Quarter Average Interstate Prepayments	\$32.750
10	Unamortized Loss on Reacquired Debt	
11	5 Quarter Avg Unamortized Loss on Reacquired Debt 1/	\$11,361,000
12	Interstate Allocation Factor 2/	14.36%
13	Interstate Unamortized Loss on Reacquired Debt	\$1,631,440
14		
15		
16	<u>Uninsured Claims</u>	
17	5 Quarter Avg Uninsured claims	\$178,000
18	Interstate Allocation Factor 2/	<u>14.36%</u>
19	Interstate Deferred FIT - Loss on Reacquired Debt	<u>\$25,561</u>
20		
21	Accumulated Deferred Income Taxes - Liberalized Deprecaiton on 1994 Trans	
22	Year-End Accum. Def. FIT - Liberalized Depreciation (including Transfer Account)	(\$76,620,198)
23	Intrastate Liberalized Depreciation	(\$72,268,298) (\$4,354,000)
24 25	Liberalized Depreciation on Vintage Year 1994 Transmission Plant 3/	<u>(\$4.351.900)</u>
26 26		
27	Interstate Expenses	
28	interstate Expenses	
29	Amortization of Loss on Reacquired Debt	
30	Amortization of Loss on Reacquired Debt - Total Company	\$712,000
31	Interstate Allocation Factor 2/	14.36%
32	Amortization of Loss on Reacquired Debt - Interstate	<u>\$102,243</u>
	1/ Page 8	
	2/ Total Plant in Service Allocator - Page 2 14.36% 3/ Tax Department	

The Narragansett Electric Company Interstate Operation & Maintenance Expense 12 Months Ended December 31, 2002

	1 2 3 4 5 6 7 8 9 10 11	Production (excl fuel & Purchased Power Transmission (Excl. wheeling) Wheeling Wheeling - NEP Distribution Customer Accounts Customer Service & Informational Total O&M (Excl. A&G) A&G	er)	Total	Interstate Percent 1/ 0.00% 100.00% 100.00% 0.00% 0.80% 0.00% 0.00%	Interstate O&M Expense \$0 2,566,592 0 0 253,011 0 0 \$2,819,603				
NECO Salary and Wages NECO Salary and Wages Form 1 Sal & Wages Interstate Composite Company				Interstate A&	<u>G Expense</u>					
30 Total A&G Expense including Overheads Septimization	15 16 17 18		and Wages Form 1	Sal & Wages		Composite		to		
Total A&G Expense including Overheads Allocation to Interstate:		Total A&G Expense					\$41,635,137			
Allocation to Interstate:	21									
24 Allocation to Interstate: Production Payroll \$0 26 Transmission 697,599 3.02% 80.37% 2.42% 0.00% \$1,008,884 27 Distribution 17,297,339 74.75% 0.80% 0.60% 0.00% \$248,971 28 Customer Service & Informational 1,587,001 6,90% 0.00% 0.00% \$0 30 Total Salaries and Wages (Excl. ASG) \$23,140,951 100,00% 3.02% \$1,257,855 31 Administrative & General 1,577,346 100,00% 3.02% \$1,257,855 33 Total 1,577,346 1,577,346 \$23,140,951 100,00% 3.02% \$1,257,855 34 Administrative & General 1,577,346 \$24,718,297 \$1,257,855 \$1,257,855 \$1,257,855 38 Septiment Salary \$1,000		Total A&G Expense including Overhead	ls				\$41,635,137			
Production Payroll S0		Allocation to Interstate:								
66 Transmission 697,599 3.02% 80.37% 2.42% 0.00% \$1,008,884 77 Distribution 17,297,339 74.75% 0.80% 0.60% 0.00% \$28,971 28 Customer Service & Informational 3,548,012 15.34% 0.00% 0.00% \$0 \$0 30 Total Salaries and Wages (Excl. A&G) \$23,140,951 1.00.00% 3.02% \$1,257,855 31 Administrative & General 1.577,346 \$24,718.297 \$1,257,346 <td></td> <td></td> <td>\$0</td> <td></td> <td></td> <td></td> <td></td> <td></td>			\$0							
28 Customer Accounts 3,549,012 15,34% 0,00% 0,00% \$0 30 Total Salaries and Wages (Excl. A&G) \$23,140,951 100,00% 3,02% \$1,257,855 31 Administrative & General 1,577,346 100,00% 3,02% \$1,257,855 33 Total \$24,718,297 Face Salary Face Salary Face Salary 36 Interstate Payroll Allocation Factor Face Salary Gross Interstate 40 Face Salary Percentage Percentage Percentage 42 Form 1 Serventage Percentage Percentage 44 Face Salary Percentage Percentage 45 Extribution Form 1 Serventage 46 C&LM \$67,509 \$2,82% 80,37% \$2,27% 50 Transmission \$697,509 \$2,82% 80,37% \$2,27% 51 Distribution 17,297,339 69,98% 0,80% 0,56% 52 Customer Service & Informational (Excl. C&LM				3.02%	80.37%	2.42%	0.00%	\$1,008,884		
29 Customer Service & Informational 1.597.001 6.90% 0.00% 0.00% \$1,257,855 30 Total Salaries and Wages (Excl. A&G) \$23,140.951 100.00% 3.02% \$1,257,855 32 Total \$24,718.297 ************************************		Distribution					0.00%			
Total Salaries and Wages (Excl. A&G) \$23,140,951 100,009% 3,02% 3,02% \$1,257,855 Administrative & General 1,577,346 1,577,346 Total Salaries and Wages (Excl. A&G) \$24,718,297 Total Salaries and Wages (Excl. A&G) \$1,257,855 Total Salaries and Wages (Excl. A&G) \$1,257,855 Total Salaries and Wages (Excl. A&G) \$1,257,856 Total Salaries and Wages (Excl. A&G) \$1,257,346 Total Salaries and Wages (Excl. Celaring) \$25,390,313 Total Salaries and Wages (Excl. Celaries and Wages (Excl. Celari										
Administrative & General 1,577,346 \$24,718,297 \$24					0.00%					
Total \$24.718.297 Total \$25.390.313 Total \$24.718.297 Total \$25.390.313 Total \$25.390.313 Total \$26.329 Total \$26.328		0 (,		100.00 /6		3.02 /6		φ1,237,033		
34										
Section Sect										
Section Sect										
37 38 39 39 39 39 39 30 30 30										
Section Sect										
Second Part										
A1										
NECo Salary Gross										
NECo Salary Add Wages NECo Interstate Interstate NECo Interstate Interstate Sal & Wages Plant Payroll Percentage Percentag			Interstate P	ayroll Allocation	on Factor					
444 and Wages NECo Interstate Interstate 45 Form 1 Sal & Wages Plant Payroll 46 Page 354 Percentage Percentage 1/ Percentage 47 C Percentage 1/ Percentage Percentage 1/ Percentage 48 C&LM \$672,016 2.65% \$672,016 2.65% \$672,016 2.65% \$672,016 2.65% \$672,016 2.65% \$672,016 2.65% \$672,016 2.65% \$672,016 2.82% \$69,38% 0.80% 0.56% 0.56% 0.56% 0.00% <td></td> <td></td> <td></td> <td>NECo Salary</td> <td></td> <td>Gross</td> <td></td> <td></td>				NECo Salary		Gross				
Form 1 Sal & Wages Plant Payroll					NECo		Interstate			
47 48				•						
48	46			Page 354	Percentage	Percentage 1/	<u>Percentage</u>			
49 50 Transmission 697,599 2.82% 80.37% 2.27% 51 Distribution 17,297,339 69.98% 0.80% 0.56% 52 Customer Accounts 3,549,012 14.36% 0.00% 0.00% 53 Customer Service & Informational (Excl. C&LM) 1,597,001 6.46% 0.00% 0.00% 54 Administrative & General 1.577,346 6.38% 14.36% 0.92% 55 Total \$24,718,297 100.00% 3.74% 56 57 Grand Total (Excl. Clearing) \$25,390,313 58 59 60 61 Interstate Donations 62 63 Total Company Donations \$563,229 64 Interstate Allocation /2 3.02%		00114		40=0.040	0.050/					
50 Transmission 697,599 2.82% 80.37% 2.27% 51 Distribution 17,297,339 69.98% 0.80% 0.56% 52 Customer Accounts 3,549,012 14.36% 0.00% 0.00% 53 Customer Service & Informational (Excl. C&LM) 1,597,001 6.46% 0.00% 0.00% 54 Administrative & General 1,577,346 6.38% 14.36% 0.92% 55 Total \$24,718,297 100.00% 3.74% 56 Grand Total (Excl. Clearing) \$25,390,313 \$58 59 Interstate Donations \$60 61 Interstate Allocation /2 \$3,02%		C&LM		\$672,016	2.65%					
51 Distribution 17,297,339 69.98% 0.80% 0.56% 52 Customer Accounts 3,549,012 14.36% 0.00% 0.00% 53 Customer Service & Informational (Excl. C&LM) 1,597,001 6.46% 0.00% 0.00% 54 Administrative & General 1,577,346 6.38% 14.36% 0.92% 55 Total \$24,718,297 100.00% 3.74% 56 Grand Total (Excl. Clearing) \$25,390,313 *** 58 Interstate Donations *** 61 Interstate Donations *** 62 *** 63 Total Company Donations \$563,229 64 Interstate Allocation /2 3.02%		Transmission		697 599	2 82%	80.37%	2 27%			
52 Customer Accounts 3,549,012 14.36% 0.00% 0.00% 53 Customer Service & Informational (Excl. C&LM) 1,597,001 6.46% 0.00% 0.00% 54 Administrative & General 1,577,346 6.38% 14.36% 0.92% 55 Total \$24,718,297 100.00% 3.74% 56 Grand Total (Excl. Clearing) \$25,390,313 \$58 59 Interstate Donations \$60 61 Interstate Donations \$563,229 64 Interstate Allocation /2 3.02%										
54 Administrative & General 1,577,346 6.38% 14.36% 0.92% 55 Total \$24,718,297 100.00% 3.74% 56 Formal Total (Excl. Clearing) \$25,390,313 58 Interstate Donations 60 Interstate Donations 61 Interstate Donations 62 Total Company Donations 63 Total Company Donations \$563,229 64 Interstate Allocation /2 3.02%					14.36%					
55 Total \$24.718.297 100.00% 3.74% 56			. C&LM)							
56 57 Grand Total (Excl. Clearing) \$25,390,313 58 59 60 61 Interstate Donations 62 63 Total Company Donations \$563,229 64 Interstate Allocation /2 3.02%						14.36%				
57 Grand Total (Excl. Clearing) \$25,390,313 58 59 60 61 Interstate Donations 62 63 Total Company Donations \$563,229 64 Interstate Allocation /2 3.02%		lotal		<u>\$24,718,297</u>	<u>100.00%</u>		<u>3.74%</u>			
58 59 60 61		Grand Total (Excl. Clearing)		\$25 390 313						
59 60 61		Crana Total (Exci. Olcaning)		<u>Ψ20,000,010</u>						
61 Interstate Donations 62 63 Total Company Donations \$563,229 64 Interstate Allocation /2 3.02%										
62 63 Total Company Donations \$563,229 64 Interstate Allocation /2 3.02%	60									
70tal Company Donations \$563,229 Reference of the state Allocation /2 \$3.02%			Inter	rstate Donation	<u>ıs</u>					
64 Interstate Allocation /2 3.02%		Total Company Desetion		6500 000						
		' '								
<u> </u>										

^{1/} Page 1

^{2/} Interstate A&G Allocator above

The Narragansett Electric Company Interstate Depreciation Expense 12 months Ended December 31, 2002

12 months Ended	December 51, 20	<u>02</u>						
Line								
No.								
	Interstate Production Depreciation Expense							
2 Depreciation Expense - Production /53	\$257,980	\$0						
4 Interstate Transmission Depreciation Expense								
5 Depreciation Expense - Transmission 1/	\$3,780,199							
6 Interstate Allocation Factor 3/	<u>80.37%</u>							
7 Interstate Trans. Depr. Exp.	<u>\$3,038,146</u>	3,038,146						
8								
9 Interstate Distribution Depreciation Expense								
10 Depreciation Expense - Distribution 1/	\$29,175,476							
11 Interstate Allocation Factor 4/	0.80%	000 101						
12 Interstate Dist. Depr. Exp. 13	<u>\$233,404</u>	233,404						
14 Interstate General Depreciation Expense								
15 Depreciation Expense - General 1/	\$2,303,336							
16 Interstate Allocation Factor 2/	<u>14.36%</u>							
17								
18 Interstate General Depreciation Expense	\$330,759	330,759						
19								
20 Depreciation Expense - PHFFU	0	0						
21								
22								
23 Total Interstate Depreciation Expense		<u>\$3,602,309</u>						
1/ FERC F1, Page 336								
2/ Interstate General Plant Allocator (See Page 1)		14.36%						
3/ Interstate Transmission Plant Allocator (See Page 1)		80.37%						
4/ Interstate Distribution Plant Allocator (See Page 1)		0.80%						
5/ NECO's remaining Production Plant are Intrastate ass	sets.							

The Narragansett Electric Company Taxes Other Than Income Taxes Interstate Payroll Taxes 12 Months Ended December 31, 2002

	Estimated Total	Interstate	Interstate	Interstate	Interstate	Interstate
	Sal & Wages	Gross Plant	Composite	FICA	FUTA	SUTA
Line	Percent	Percentage 5/	Percent	Expense	Expense	Expense
No.	<u>. 0.00.11</u>	<u> </u>	<u> </u>	<u>=//po//oo</u>	<u>=/.pooo</u>	
1 Total Company Expense				\$3,447,404	\$44,581	\$182,284
2 Less: Production Related Expense				\$0	\$0	\$0
3 Total Company Expense (Exclud. Prod)				\$3,447,404	\$44,581	\$182,284
4 Production	0.00%	100.00%	0.00%	0	0	0
5 Transmission	3.02%	80.37%	2.42%	83,536	1,080	4,417
6 Distribution	74.75%	0.80%	0.60%	20,615	267	1,090
7 Customer Accounts	15.34%	0.00%	0.00%	0	0	0
8 Customer Service & Informational	<u>6.90%</u>	0.00%	0.00%	<u>0</u>	<u>0</u>	<u>0</u>
9 Total	100.00%		3.02%	<u>\$104,151</u>	\$1,347	<u>\$5,507</u>
10						
11	<u>Inte</u>	rstate Municipal T	axes			
12		12 MTD 12/31/02				
13 Interstate Transmission Municipal Taxes						
14 Total Municipal Taxes (ex Prod)		\$18,862,663				
15 Interstate Transmission % 1/		<u>12.80%</u>				
16 Interstate Transmission Municipal Taxes		<u>\$2,413,855</u>	2,413,855			
17						
18 Interstate Distribution Municipal Taxes						
19 Total Municipal Taxes (ex Prod)		\$18,862,663				
20 Interstate Distribution % 2/		<u>0.62%</u>				
21 Interstate Distribution Municipal Taxes		<u>\$117,137</u>	117,137			
22						
23 Interstate General Municipal Taxes						
24 Total Municipal Taxes (ex Prod)		\$18,862,663				
25 Interstate General % 3/		0.77%				
26 Interstate General Municipal Taxes		<u>\$145,620</u>	145,620			
27						
28 PHFFU		***				
29 Total Municipal Taxes (ex Prod)		\$18,862,663				
30 Property Held for Future Use % 4/		<u>1.18%</u>	000 570			
31 Interstate General Municipal Taxes		<u>\$222,579</u>	<u>222,579</u>			
32			#0.000.404			
33 Total Interstate Municipal Taxes			<u>\$2,899,191</u>			
1/ Avg. Interstate Trans Plant / Avg Total	Plant Pa 1		12.80%			
2/ Avg. Interstate Dist Plant Pg.1 / Avg T			0.62%			
3/ Avg. Interstate Gen'l Plant Pg.1 / Avg		1	0.02 %			
4/ Avg. PHFFU Pg.1 / Avg Total Plant P		•	1.18%			
5/ Page5	9. 1		1.1070			
o, i agoo						

THE NARRAGANSETT ELECTRIC COMPANY TOTAL COMPANY BALANCE SHEET ITEMS IN RATE BASE UTILITY PLANT AND DEPRECIATION RESERVE

	UTILITY PLANT AND DEPRECIATION RESERVE							5.0
	Utility Plant: _Production		<u>Dec-01</u>	<u>Mar-02</u>	<u>Jun-02</u>	<u>Sep-02</u>	<u>Dec-02</u>	5 Quarter <u>Average</u>
1	Steam Production Plan	nt 101	0	0	0	0	0	0
2		106	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
3			0	0	0	0	0	0
4 5	Other Production Plan		3,126,434	3,126,434	3,126,434	3,126,434	3,126,434	3,126,434
6		106	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7			3,126,434	3,126,434	3,126,434	3,126,434	3,126,434	3,126,434
8	-	101	155 200 052	155 (52.06)	.50.010.000	150 201 110	141.071.000	150 150 151
9	Transmission	101	155,300,953	157,673,969	159,010,003	158,391,440	161,874,390	158,450,151
10		106	10,710,265	13,218,293	14,699,456	<u>14,759,024</u>	<u>11,606,570</u>	12,998,722
11 12			166,011,219	170,892,262	173,709,459	173,150,464	173,480,960	171,448,873
13	Distribution	101	771,727,362	777,013,997	787,814,113	791,964,542	796,400,211	784,984,045
14	Distribution	106	45,403,624	47,960,610	40,096,443	48,273,956	51,042,797	46,555,486
15		100	817,130,986	824,974,607	827,910,557	840,238,498	847,443,009	831,539,531
16			017,130,700	021,571,007	027,710,557	010,230,170	017,113,007	051,557,551
17	General	101	39,835,252	40,172,836	40,733,203	40,727,094	40,562,093	40,406,096
18		106	16,176,619	18,162,983	17,738,700	17,777,912	17,628,998	17,497,042
19			56,011,871	58,335,820	58,471,903	58,505,006	58,191,092	57,903,138
20								
21 22	Total Plant		1,042,280,509	1,057,329,122	1,063,218,353	1,075,020,402	1,082,241,495	1,064,017,976
23 24	Prop Held Ftr Use		12,707,067	12,707,067	12,707,067	12,707,067	12,707,067	12,707,067
25	Reserve For Depr.:							
26	Production		(1,908,747)	(1,973,241)	(2,037,735)	(2,102,229)	(2,166,727)	(2,037,736)
27								
28	Transmission		(54,608,603)	(55,349,599)	(56,151,811)	(57,011,986)	(57,409,325)	(56,106,265)
29								
30	Distribution		(294,169,121)	(299,958,730)	(304,680,862)	(311,068,239)	(317,078,615)	(305,391,113)
31								
32	General		(13,892,016)	(14,394,444)	(14,968,086)	(15,495,170)	(15,623,174)	(14,874,578)
33	A CEL DIC'G EGGI (21		3,597	3,596	3,596	3,596	3,596	3,596
34 35 36	Amort. of Elec. Plt. in Svc. FS Sheet 21 Total Reserve for Depr.		(364,578,487)	(371,676,013)	(377,838,493)	(385,677,622)	(392,277,840)	(378,409,691)
37 38	Fuel		0	0	0	0	0	0
39 40	Materials & Supplies		4,545,542	4,296,876	4,325,353	4,313,747	4,483,663	4,393,036
41 42	Prepayments		196,708	112,589	256,902	221,466	352,641	228,061
43 44	Loss on Debt 1/ LESS:		11,717,000	11,539,000	11,361,000	11,183,000	11,005,000	11,361,000
45 46	Customer Deposits		(2,811,595)	(2,754,237)	(2,756,051)	(2,691,998)	(2,723,491)	(2,747,474)
47	Cont. in Aid of Const.		(279,334)	(8,600)	(258,600)	0	0	(109,307)
48 49	Uninsured Claims Liability		(890,000)	0	0	0	0	(178,000)

1/ Exhibit MDL-3 Page 7 of 9

Tab Name: Interstate Plt Interstate Transmission Plant - Substations

Location/							
	bstation	Dec-01	Mar-02	Jun-02	Sep-02	Dec-02	LAND
	oonsocket	2,634,286	3,098,632	3,230,036	3,517,405	3,517,405	9,731
2 0013/016 Dru	umrock	2,599,626	3,489,967	3,536,306	3,754,654	3,754,654	13,306
3 0008/014 Fran	ınklin Sq.	5,131,000	5,131,000	5,131,000	5,606,441	5,606,441	52,119
4 0005/014 Sou	uth St.	1,276,765	1,333,385	1,404,121	1,415,660	1,415,660	0
5 0037/002 Adı	miral St. Term	228,451	228,451	228,451	228,451	228,451	0
6 0046/023 W.	Kingston	405,044	405,044	405,044	399,148	399,148	2,673
7 0176/028 Phil	illipsdale	66,023	66,023	66,023	81,096	81,096	22,383
8 0177/028 Ker	nt County	1,083,461	1,083,461	2,648,951	2,757,233	2,757,233	3,772
9 Loc. 2162 Har	rtford Ave Johnston	8,081,126	8,491,675	8,491,704	8,491,704	8,491,704	358,453
10 Loc. 0002 Mai	anchester Street	4,087,442	3,572,753	3,754,761	3,754,761	3,754,761	0
	ood River Sub.	0	0	0	0	0	0
12 106 Lan	nd Johnston Sub.	NA	NA	NA	NA	NA	
13 BV	E & NEWPORT	14,138,804	<u>13,561,307</u>	<u>13,904,045</u>	<u>13,839,601</u>	<u>13,839,601</u>	<u>0</u>
14 SUBTOTAL		39,732,028	40,461,698	42,800,442	43,846,154	43,846,154	462,437
15							
16 INTERSTATE	TRANS SUBS - LAND	462,437	462,437	462,437	462,437	462,437	
17							
18							
	Substations: Transmission	40,194,465	<u>40,924,135</u>	43,262,879	44,308,591	44,308,591	462,437
Plant, including	BVE & Newport						

Tab Name: Interstate Plt

Interstate Transmission Plant - Lines

1 Location 2	Line	Dec-01	Mar-02	Jun-02	Sep-02	Dec-02	LAND
3 5047	State Line to Riverside	586,612	586,612	589,993	592,358	592,358	265,624
4	106 Proj. 14782,13658	3,380	0	0	0	0	203,021
5 5035	Woonsocket to Lincoln, V148	1,163,383	1,209,555	1,370,714	1,366,320	1,366,320	22,880
6	106 Proj. 16521,16844,16855,17	0	0	0	0	0	,,,,,
7	106 Proj. 5303	12,514	0	0	0	0	
8 5021	Frank Sq. to State Line	10,657,014	10,650,655	10,870,535	10,888,993	10,888,993	246,612
9	Proj. 13604, 14783,16844,5303,	4,881	3,471	3,741	3,741	3,741	
10 5044	Philipsdale Tap, off E183	2,290,936	2,281,289	2,281,289	2,290,672	2,290,672	1,301,403
11 5019	Frank Sq. to So. St.	171,742	171,742	171,742	171,742	171,742	
12	106 Proj. 13390,14768,15097,13	6,193,591	4,341,048	4,121,593	4,129,711	4,129,711	
13 5045	West Farnum Taps S-171 & T-1	8,520,698	8,520,698	8,520,698	10,060,162	10,060,162	1,042,011
14	106 Proj.13390,15097,16822,17.	0	0	0	0	0	
15 5034	Drum to W. Kingstown G185	2,698,185	2,698,185	2,798,316	2,721,855	2,721,855	348,344
16	106 Proj. 15296, 15715,17379,50	3,270	322,690	317,694	0	0	
17 5038	West Kingston, 1870	1,908,595	1,905,730	2,009,798	1,911,637	1,911,637	211,344
18	Proj. 13712, 13718, 17383	0	0	0	0	0	
19 5036	Phillip Tap, off X-3	221,018	221,018	221,018	221,018	221,018	25,297
20 5046	Drumrock to Kent County	229,962	229,962	229,962	229,962	229,962	40.000
21 5052	Pontiac Tap off I187	756,089	756,089	756,089	756,089	756,089	48,279
22	106 Proj. 14776	0	0	0	0	0	
23 5049	Kent to W.Farnum	3,203,749	3,212,249	3,196,192	3,284,530	3,284,530	106 427
24 5018	Warren to Bristol #1, F184	468,905	468,905	468,905 0	468,905	468,905 0	106,437
25	106 Proj. 14143	•	•	· · · · · · · · · · · · · · · · · · ·	•	·	0
26 5051 27 5055	State Line to Tiverton	1,533,865	1,533,865	1,533,865	1,533,865	1,533,865	0
28 5059	Wood River Tap off 1870 Old Baptist Rd to Kent County	75,183 7,780,058	75,183 7,780,058	75,183 7,780,058	75,183 7,780,058	75,183 7,780,058	
29	106 Proj. 13091	7,780,038	7,780,038	7,780,038	7,780,038	7,780,038	
30 5064	Wampanoag Tap, off E183	214,930	214,930	214,930	214,930	214,930	
31 5060	Old Baptist Tap	499,380	514,591	516,069	516,367	516,367	
32	106 Proj. 13547, 13703	0	0	0	0	0	
33 5048	Drumrock to Sockanosset	3,380,544	3,380,544	3,380,544	3,380,544	3,380,544	
34	106 Proj. 14555 and blank	0	0,500,511	0,500,511	0	0	
35 5062	Davisville Tap, 5603,16952,1739	1,568,113	1,597,566	1,878,071	1,871,597	1,871,597	7,167
36	106 Proj. 16952	0	0	0	0	0	.,
37 5063	Davisville Tap, off G185, L190	766,670	775,997	967,208	983,262	983,262	7,167
38	E105/F106 Line Man. St Hart A	25,268,077	25,268,077	25,268,077	25,268,077	25,268,077	
39	BVE & NEWPORT	11,147,142	11,255,780	11,281,529	11,274,356	11,274,356	<u>0</u>
40 SUBTO	OTAL	91,328,486	89,976,489	90,823,813	91,995,936	91,995,936	3,632,565
41							
42							
43	INTERSTATE LINES - LAND						
44							
45 5051	Land-Tiverton to St.Line	335,436	335,436	335,436	335,436	335,436	335,436
46	Other Land	3,632,616	3,632,616	3,632,565	3,632,565	3,632,565	0
47							
	rstate Transmission Lines	95,296,538	<u>93,944,541</u>	94,791,814	<u>95,963,937</u>	<u>95,963,937</u>	<u>3,968,001</u>
49							
	rstate Transmission Plant Including		****			40	
51 BVE & 1	чемроп	135,491,003	134,868,676	138,054,692	140,272,528	140,272,528	4,430,438
53					_	E Quarter Averege 125 501 005	
52					L	5 Quarter Average <u>137,791,885</u>	

Tab Name: Interstate Plt

Interstate Transmission Plant - Lines

Location	Substation	Dec-01	Mar-02	Jun-02	Sep-02	Dec-02	LAND
1 0010	Admiral St	388,252	382,131	376,923	311,296	311,296	6,014
2 0030	Warren	590,686	590,686	590,686	590,686	590,686	4,400
3 0045	Wolf Hill	142,659	136,219	136,219	86,019	86,019	1,278
4 0125	Bristol #1	292,031	292,031	292,031	284,226	284,226	23,382
5 0127	Tiverton #2	276,277	284,083	284,083	276,277	276,277	31,096
6 0170	Johnston	211,267	2,456,329	2,497,795	1,282,602	1,282,602	10,697
7 0180	West Cranston	11,644	11,644	11,644	11,644	11,644	8,438
8 0184	Farnum Pike	21,603	22,643	21,603	21,603	21,603	0
9 0189	Sockanosset	210,900	210,900	210,900	167,856	167,856	1,821
10 0193	Pontiac	382,500	38,872	38,872	38,872	38,872	88,141
11 0194	Wood River	238,134	238,134	238,134	237,968	237,968	22,500
12 2155	Old Baptist Sub	420,392	514,729	521,074	521,074	521,074	34,768
13 2156	Wampanoag	821,282	819,053	819,053	820,583	820,583	36,289
14 2158	Davisville	438,888	438,888	438,888	438,888	438,888	16,633
15 2160	Clarkson	286,961	286,961	286,961	305,449	305,449	13,023
16 2161	Kenyon	545,825	545,825	545,825	545,825	545,825	62,014
17	BVE & NEWPORT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
18 Total Inter 19	state Distribution Plant - Substation	5,279,301	7,269,128	7,310,691	5,940,868	5,940,868	360,494
20 Total Inter	state Distribution Plant - Land	311,031	311,031	360,494	360,494	360,494	
21							
22 Total Inter	state Distribution Plant	<u>5,590,332</u>	<u>7,580,159</u>	<u>7,671,185</u>	<u>6,301,362</u>	<u>6,301,362</u>	
23							
24					5 Quarter A	Average <u>6,688,880</u>	

EarnedSavingsCOS.XLS

Narragansett Electric Savings Proof RIPUC Docket No. 2930

Exhibit MDL-3

Intrastate Cost of Service

Narragansett Electric Savings Proof R.I.P.U.C. No. 2930 Exhibit MDL-3 Page 1 of 9

The Narragansett Electric Company

Intrastate Cost of Service Calendar Year 2002 (\$000)

		Total						
		Company	Interstate	Other		Normalizing	Intrastate	
		Per Books	Adjustments	Adjustments	Intrastate	Adjustments	Cost ofService	
		2002	2002 1/	2002	2002	2002	2002	Ref
1	Operation & Maintenance Expense	96,268 2/	4,077	0	92,191	(\$5,474)	\$86,717	Pg 2
2	Transmission Wheeling Costs - NEP	46,037	0	46,037	0	0	0	- 8 -
3	Conservation and Load Management Expense	17,794	0	17,794	0	0	0	_
4	Purchased Power Expense	346,120	0	346,120	0	0	0	-
5	Donations	563	17	0	546	0	546	-
6	Fuel Expense	0	0	0	0	0	0	-
7	Depreciation Expense	35,517	3,602	0	31,915	0	31,915	-
8	Gross Earnings Tax	22,790	0	22,790	0	0	0	-
9	Municipal Taxes	18,863	2,899	0	15,964	0	15,964	-
10	FICA	3,447	104	0	3,343	0	3,343	-
11	Federal Unemployment	45	1	0	44	0	44	-
12	State Unemployment	182	6	0	176	0	176	-
13	Other Misc Taxes	260	0	0	260	0	260	-
14	Current and Deferred FIT	24,538	-	-	-	-	14,760	Pg 4
15	Amort. of Investment Tax Credit	(717)	0	0	(717)	0	(717)	-
16	Amort. of Loss on Reacquired Debt 3/	712 3/	102	0	610	0	610	-
17	Inerest on Customer Deposits	153	0	0	153	0	153	-
18	Overall Return \$510,502 * 9.02%		-	-	-	-	46,047	Pg 4
19								
20	Total Cost of Service						<u>\$199,819</u>	

^{1/} Exhibit MDL -2, Page 1

^{2/} Excludes G&T Credit of (27,522)

^{3/} From Page 7 of 9

Narragansett Electric Savings Proof R.I.P.U.C. No. 2930 Exhibit MDL-3 Page 2 of 9

<u>The Narragansett Electric Company</u> <u>Summary of Intrastate Operation & Maintenance Adjustments</u> (\$000)

			Reference
		Amount	Page
1 2	a. Bad Debt Expense Adjustment	\$985	3
3	b. Advertising Expense/Other Non-recoverable Expenses	(252)	3
4 5 6	c. Merger Integration Cost Elimination	(4,190)	3
7	d. Out of Period Expense Adjustments	(2,483)	3
8 9	e. Distribution Dispatch Expense	<u>466</u>	3
10 11	Total Intrastate O & M Expense Adjustments	<u>(\$5,474)</u>	

Narragansett Electric Savings Proof R.I.P.U.C. No. 2930 Exhibit MDL-3 Page 3 of 9

The Narragansett Electric Company

Operations and Maintenence Expense Normalizing adjustments (\$000)

1 2	a.	Adjustment to Normalize Bad Debt Expense to Actual Net Write-offs		
3 4 5 6 7 8 9		Net Charge-offs - Calendar Year 2002 Bad Debt Expense - Calendar Year 2002 Normaliized Bad Debt Expense Customer Accounts Expense Allocation Percentage Bad Debt Expense Adjustment	\$5,431 4,446 \$985 00.00% <u>\$985</u>	1/
10 11	b.	Adjustment to Eliminate Advertisng Expense (FERC Acct 930.1) and Other Non-recoverable Expenses	<u>s</u>	
12 13				
14 15 16 17 18 19 20		Advertising Expense FERC Acct 930.1 - Calendar Year 2002 Other Non-recoverable Expenses - Calendar Year 2002 Total A&G Expense Allocation Percentage Total Adjustment	\$159 <u>101</u> \$260 <u>96.98%</u> <u>\$252</u>	1/
21	c.	Adjustment to Eliminate Incremental NIMO Merger Integration Costs		
22 23 24 25 26 27 28 29 30 31 32	d.	Total NIMO Integration Costs - Calendar Year 2002 Less: Non-incremental NIMO Merger Integration Costs - Calendar Year 2002 Incremental NIMO Merger Integration Costs A&G Expense Allocation Percentage Incremental NIMO Merger Integration Costs Adjustment Adjustment to Eliminate Out of Period Expenses	\$4,732 <u>412</u> \$4,320 <u>96.98%</u> <u>\$4,190</u>	1/
32 33 34 35 36 37 38 39 40 41		Additional Environmental Response Expense Catch-up for Calendar Year 2001 Recorded in September 2002 TDI Reimbursement Gross-up Adjustment for 1999, 2000 and 2001 Recorded in September 2002 Incremental NIMO Merger Integration Costs Adjustment A&G Expense Allocation Percentage	\$2,200 \$60 \$2,560 96.98% \$2,483	1/
42	e.	<u>Distribution Dispatch Expense Adjustment</u>		
43 44 45 46 47 48 49 50 51		Total Dispatch Expense - Calendar Year 2002 Percent Allocated to Distribution Dispatch - FERC Account 581 Distribution Dispatch Expense - 2002	\$1,015 45.91% <u>\$466</u>	2/

^{1/} From Exhibit MDL-2 Page 5 of 11

^{2/} Allocation percentage equals the ratio of distribution dispatch expense to total dispatch expense as included in Docket 2930 Settlement Cost of Service.

Narragansett Electric Savings Proof R.I.P.U.C. No. 2930 Exhibit MDL-3 Page 4 of 9

The Narragansett Electric Company

Imputed Intrastate Return and Income Taxes (\$000)

1	Calculation for Imputed Return and Taxe	<u>s</u>			
2					
3	Return				
4					
5	Intrastate Rate base	1/			\$510,502
6		- /			
7	Weighted Rate of Return	2/			<u>9.02%</u>
8					Φ46 04 5
9					<u>\$46,047</u>
10 11	Income Taxes				
12	income taxes				
13	Intrastate Rate base	1/	\$510,502		
14	initiastate Rate base	17	ψ310,302		
15	Imputed Tax Cost	2/	2.97%		
16	T. A. C.				
17	Imputed Taxes Before ITC Amorti	zation Impact		\$15,146	
18		•			
19					
20	Adjustment for ITC Amortization				
21	Amortization of ITC grosed up for Ta	3/	(\$717)		
22					
23	Tax Gross-up	4/	<u>(1,103)</u>		
24				(2.2.5)	
25	Tax Impact of ITC Amortization	5/		<u>(386)</u>	
26	T 4 11 4 1T				¢14760
27	Total Imputed Taxes				<u>\$14,760</u>
	1/ From Page 6 of 9				
	1/ From Fage 6 of 7				

^{2/} From Page 5 of 9

^{3/} From Page 1 of 9

^{4/} Line 21 / (1 - 35%)

^{5/} Line 23 - Line 21

Narragansett Electric Savings Proof R.I.P.U.C. No. 2930 Exhibit MDL-3 Page 5 of 9

The Narragansett Electric Company Total Company Capital Structure and Cost of Capital (\$000)

		Capital Structure (a)	Cost Rate (a)	Weighted Return	Taxes	Pre-tax Return
1	Long Term Debt	45.00%	7.81%	3.51%	<u> 10.145</u>	3.51%
2	Preferred Stock	5.00%	5.20%	0.26%	0.14%	0.40%
4 5	Total Common Equity	50.00%	10.50%	<u>5.25%</u>	<u>2.83%</u>	8.08%
6 7	Total Capitalization	100.00%		9.02%	<u>2.97%</u>	<u>11.99%</u>

⁽a) Per Third Amended Stipulation and Settlement dated March 14, 2000.

Narragansett Electric Savings Proof R.I.P.U.C. No. 2930 Exhibit MDL-3 Page 6 of 9

The Narragansett Electric Company Intrastate Rate Base (\$000)

		5 Quarter Averages				
		Total Company	Interstate and Other	Intrastate		
		<u>2002</u>	<u>2002 1/</u>	<u>2002</u>		
1	Utility Plant in Service	\$1,064,018	\$152,796	\$911,222		
2	Property Held for Future Use	12,707	12,707	<u>0</u>		
3	Total Utility Plant	\$1,076,725	\$165,503	\$911,222		
4						
5	Less - Reserve for Depreciation	(378,406)	(49,672)	(328,734)		
6						
7	Plus - Loss on Reacquired Debt	11,361	1,631	9,730		
8						
9	- Materials & Supplies	4,393	631	3,762		
10						
11	- Fuel Inventory	0	0	0		
12						
13	- Prepayments	228	33	195		
14						
15	Less - Uninsured Claims Liability	(178)	(26)	(152)		
16						
17	- Contrib in Aid of Constr.	(109)	0	(109)		
18						
19	- Customer Deposits	(2,747)	0	(2,747)		
20						
21	- Reserve for Deferred FIT	<u>(91,436)</u>	3,827	<u>(95,264)</u>	2/	
22						
23	Rate Base before Cash Working Capital	\$619,831		\$497,903		
24						
25	Plus - Cash Working Capital	12,599		12,599		
26						
27	Intrastate Rate Base	<u>\$632,430</u>		<u>\$510,502</u>		

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<u>The Narragansett Electric Company</u> <u>Loss on Reacquired Debt</u> (\$000)

			Transferred From EUA		Monthly Amortization. 1/	Unamortized Balance Per Dkt 2930	Quarter End Balance
1						\$10,251	
2	2000	January			\$59	10,192	
3		February			59	10,132	
4		March			59	10,073	
5		April			59	10,014	
6		May	\$2,890	2/	59	12,844	
7		June	,		59	12,785	
8		July			59	12,726	
9		August			59	12,666	
10		September			59	12,607	
11		October			59	12,548	
12		November			59	12,488	
13		December			59	12,429	
14	2001	January			59	12,370	
15		February			59	12,310	
16		March			59	12,251	
17		April			59	12,192	
18		May			59	12,132	
19		June			59	12,073	
20		July			59	12,014	
21		August			59	11,954	
22		September			59	11,895	
23		October			59	11,836	
24		November			59	11,776	
25		December			59	11,717	\$11,717
26	2002	January			59	11,658	
27		February			59	11,598	
28		March			59	11,539	11,539
29		April			59	11,480	
30		May			59	11,420	
31		June			59	11,361	11,361
32		July			59	11,302	
33		August			59	11,242	
34		September			59	11,183	11,183
35		October			59	11,124	
36		November			59	11,064	
37		December			59	11,005	11,005
38							
39				F	ive Quarter Averag	e	<u>\$11,361</u>

 $^{1/\:}$ Per Docket 2930, annual amortization is \$712k

 $^{2/\;}$ Amounts tranfered to Narragnasett from BVE & Newport at Merger

The Narragansett Electric Company Intrastate Deferred Federal Income Taxes (\$000)

		<u>Dec-01</u>	<u>Mar-02</u>	<u>Jun-02</u>	<u>Sep-02</u>	<u>Dec-02</u>	5 Quarter <u>Average</u>
1	Cont. in Aid of Const.	\$3,663	\$3,711	\$3,721	\$3,741	\$3,761	\$3,720
2	Storm Contingency Fund & Storm Costs	3,490	3,629	3,719	3,857	4,128	3,765
3	ACRS Retirements	(1,535)	(1,535)	(1,535)	(1,535)	(1,535)	(1,535)
4	Waste Disposal	(286)	(413)	(400)	(396)	1,104	(78)
5	Property Donation	0	0	0	0	0	0
6	Uninsured Claims	252	217	211	118	244	208
7	Workers Compensation	638	754	767	645	620	685
8	Unbilled Revenues & Budget Billing	3,375	871	684	1,525	3,314	1,954
9	Bad Debt	3,352	2,909	2,964	2,799	2,784	2,962
10	Pensions, Non-Qual. Pen., Non-Qual. Pen.	(5,926)	(6,523)	(6,936)	(7,546)	(8,360)	(7,058)
11	Deferred Directors Comp. & Deferred Inc.	256	245	246	249	251	249
12	Deferred Comp Salary	56	41	41	41	42	44
13	Unfunded Tax Liability C/R Dist. Catch-u	(12,349)	(12,257)	(12,257)	(12,257)	(12,257)	(12,275)
14	FAS 112	697	672	704	753	836	732
15	Bonus/Vacation Accruals	748	980	787	587	827	786
16	Supplemental Pensions, LHEDO/Severance	(768)	(784)	(783)	(782)	(780)	(779)
17	Sales Tax Audits	367	367	367	367	367	367
18	Group Term	(11)	(11)	(11)	(11)	(11)	(11)
19	Materials and Supplies & Capitalized Off.	13	30	23	20	13	20
20	Rate Reserves	17,176	23,236	24,266	25,534	28,738	23,790
21	Liberalized Depreciation, Construction Oth	(75,058)	(75,377)	(75,345)	(78,609)	(78,712)	(76,620)
22	Municipal Taxes, Treaty Payment	(3,491)	(3,491)	(3,491)	(3,491)	(3,491)	(3,491)
23	AFUDC	514	512	510	517	515	514
24	FIT - Tax Reserve and Current Month Estil	(1,043)	(1,043)	(1,542)	(1,593)	(1,043)	(1,253)
25	Loss Reacquired Debt	(4,064)	(3,964)	(3,897)	(3,797)	(3,663)	(3,877)
26	Customer Refund Interest Income	0	0	0	0	0	0
27	Rabbi Trust	(221)	(223)	(190)	(186)	(197)	(203)
28	Cost of Removal	(6,605)	(6,908)	(6,675)	(8,191)	(7,959)	(7,268)
29	Pawtucket Hydro	(512)	(486)	(469)	(443)	(409)	(464)
30	Divestiture	63	63	63	63	63	63
31	EMS Amortization	(1)	(1)	(1)	(1)	(1)	(1)
32	FAS 106 Costs	(1,429)	(1,302)	(1,052)	(576)	145	(843)
33	FAS 109 Costs	(15,406)	(15,472)	(15,538)	(15,604)	(15,670)	(15,538)
34							
35	Total Company Accumulated Deferred Taxes	(\$94,044)	(\$91,554)	(\$91,047)	(\$94,201)	(\$86,335)	(\$91,436)

The Narragansett Electric Company Intrastate Deferred Federal Income Taxes (\$000)

		Accum. Def. FIT - Intrastate	<u>Dec-01</u>	<u>Mar-02</u>	<u>Jun-02</u>	<u>Sep-02</u>	<u>Dec-02</u>	Average
1	100.0%	Cont. in Aid of Const.	\$3,663	\$3,711	\$3,721	\$3,741	\$3,761	\$3,720
2	0.0%	Storm Contingency Fund & Storm Costs	0	0	0	0	0	0
3	100.0%	ACRS Retirements	(1,535)	(1,535)	(1,535)	(1,535)	(1,535)	(1,535)
4	0.0%	Waste Disposal	(0)	(0)	(0)	(0)	0	(0)
5	0.0%	Property Donation	0	0	0	0	0	0
6	85.6%	Uninsured Claims	216	186	181	101	209	178
7	96.3%	Workers Compensation	614	726	738	621	596	659
8	0.0%	Unbilled Revenues & Budget Billing	0	0	0	0	0	0
9	100.0%	Bad Debt	3,352	2,909	2,964	2,799	2,784	2,962
10	96.3%	Pensions, Non-Qual. Pen., Non-Qual. Pen.	(5,704)	(6,279)	(6,676)	(7,263)	(8,047)	(6,794)
11	0.0%	Deferred Directors Comp. & Deferred Inc.	0	0	0	0	0	0
12	0.0%	Deferred Comp Salary	0	0	0	0	0	0
13	100.0%	Unfunded Tax Liability C/R Dist. Catch-u	(12,349)	(12,257)	(12,257)	(12,257)	(12,257)	(12,275)
14	0.0%	FAS 112	0	0	0	0	0	0
15	0.0%	Bonus/Vacation Accruals	0	0	0	0	0	0
16	0.0%	Supplemental Pensions, LHEDO/Severance	(0)	(0)	(0)	(0)	(0)	(0)
17	85.6%	Sales Tax Audits	314	314	314	314	314	314
18	0.0%	Group Term	(0)	(0)	(0)	(0)	(0)	(0)
19	85.6%	Materials and Supplies & Capitalized Off.	11	25	20	17	11	17
20	0.0%	Rate Reserves	0	0	0	0	0	0
21	94.3%	Liberalized Depreciation, Construction Oth	(70,795)	(71,095)	(71,066)	(74,144)	(74,241)	(72,268)
22	84.6%	Municipal Taxes, Treaty Payment	(2,954)	(2,954)	(2,954)	(2,954)	(2,954)	(2,954)
23	100.0%	AFUDC	514	512	510	517	515	514
24	0.0%	FIT - Tax Reserve and Current Month Esti	(0)	(0)	(0)	(0)	(0)	(0)
25	85.6%	Loss Reacquired Debt	(3,480)	(3,394)	(3,337)	(3,251)	(3,137)	(3,320)
26	0.0%	Customer Refund Interest Income	0	0	0	0	0	0
27	0.0%	Rabbi Trust	(0)	(0)	(0)	(0)	(0)	(0)
28	56.1%	Cost of Removal	(3,707)	(3,878)	(3,747)	(4,598)	(4,467)	(4,079)
29	100.0%	Pawtucket Hydro	(512)	(486)	(469)	(443)	(409)	(464)
30	100.0%	Divestiture	63	63	63	63	63	63
31	100.0%	EMS Amortization	(1)	(1)	(1)	(1)	(1)	(1)
32	0.0%	FAS 106 Costs	(0)	(0)	(0)	(0)	0	(0)
33	0.0%	FAS 109 Costs	(0)	(0)	(0)	(0)	<u>(0)</u>	(0)
34								
35		Total Intrastate Accumulated deferred Taxes	(\$92,289)	(\$93,433)	(\$93,530)	(\$98,272)	(\$98,794)	(\$95,264)